

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	410	((95/241) or (95/243) or (96/155)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/02/17 11:14
L4	0	L3 and ((extra additional another) adj separator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/17 11:14
L5	5	L3 and (separator near3 series)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/17 11:14
L6	1	(multiple plurality additional) with ensur\$3 with complete with removal with gas with liquid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/17 11:52
L7	0	(multiple plurality additional) with separator with ensur\$3 with complete with removal with gas with liquid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/17 11:52
L8	0	(multiple plurality additional) with separator with ensur\$3 with (degass\$3 degassify\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/17 11:52
L9	31	(multiple plurality additional) with separator with (degass \$3 degassify\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/17 11:52
L10	33	complete with removal with gas with liquid with phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/17 11:55
L11	1637	((166/267) or (166/68.5) or (166/105.5)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/02/17 12:58
L12	33	11 and (@pd>"20090824")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/17 12:58
S89	76994	(gas with ((liquid) near phase)) multi?phase ((multi dual) adj (phase))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/01/19 15:00

S90	3404	((166/267) or (166/68.5) or (166/105.5) or (210/170.01) or (210/170.07) or (210/188) or (96/182)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/01/19 15:01
S91	3404	S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/01/19 15:01
S92	316	S89 and S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/01/19 15:01
S93	263	S92 and pump	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/01/19 15:02
S94	21845	(carrier power) adj fluid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/08 16:50
S95	36	(US-20030085036-\$ or US-20070163780-\$ or US-20070185360-\$ or US-20070274842-\$ or US-20050002812-\$ or US-20070158075-\$ or US-20040104023-\$ or US-20030116323-\$ or US-20050000689-\$ or US-20090152204-\$).did. or (US-4718486-\$ or US-6007306-\$ or US-7178592-\$ or US-7093665-\$ or US-6305473-\$ or US-5622450-\$ or US-4269697-\$ or US-5775879-\$ or US-5624249-\$ or US-7389816-\$ or US-6383262-\$ or US-6216781-\$ or US-6209641-\$ or US-6039116-\$ or US-4066123-\$ or US-4848471-\$ or US-3802501-\$ or US-3709292-\$ or US-2952211-\$ or US-5815881-\$ or US-6260627-\$ or US-4603735-\$ or US-4790376-\$). did. or (US-2080622-\$ or US-2952211-\$ or US-1623239-\$). did.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/08 16:54
S96	8	S94 and S95	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/08 16:54

S97	1142	(gas with phase) with (split split\$3 separat\$3) with pump	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/12 15:27
S98	61483	"166"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/12 15:28
S99	135	S97 and S98	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/12 15:28
S100	118309	"417"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/12 15:30
S101	69	S97 and S100	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/12 15:30
S102	410	((95/241) or (95/243) or (96/155)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/02/16 10:49
S103	9	S102 and (wellbore downhole borehole (subterranean near (well oil formation)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/16 10:57
S104	32	"2278397" "2575568" "3203354" "3323465" "3597904" "3856483" "3942961" "3973930" "4049401" "4201555" "4273562" "4362536" "4410337" "4435193" "4443331" "4600413" "4675033" "4908048" "4976586" "5034099" "5039320").PN. OR ("5861052").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/16 11:50
S105	24629	displacement adj pump	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/16 12:15
S106	66147	degass\$3 degassif\$3 degassify\$3	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/16 12:15
S107	718	S105 and S106	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/16 12:15
S108	111218	wellbore downhole borehole (subterranean near (well oil formation))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/16 12:15

S109	35	S107 and S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/16 12:16
S110	1	("681369").URPN.	USPAT	OR	ON	2010/02/16 14:07
S111	479	((417/77) or (417/79) or (417/88)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/02/16 14:11
S112	21	("1604644" "20020139525" "20050121191" "2021997" "3289609" "3542490" "3672790" "3718407" "4275790" "4534426" "4658893" "4790376" "5080560" "6354371" "6543534" "6685439").PN. OR ("7497667").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/16 14:14
S113	39	("1992436" "2061865" "2080622" "2290141" "2291911" "2370413" "2463317" "3746089" "3974878" "3991825" "4603735").PN. OR ("4790376").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/16 14:15
S114	9	("2080622").URPN.	USPAT	OR	ON	2010/02/16 14:21
S115	3	("2651259").URPN.	USPAT	OR	ON	2010/02/16 15:14
S116	1	("2633081").URPN.	USPAT	OR	ON	2010/02/16 15:17
S117	15	("2172057" "2512765" "2633081" "3209785" "3593744" "3837766" "3931834").PN. OR ("3994624").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/16 15:18
S118	2	("2172057").URPN.	USPAT	OR	ON	2010/02/16 15:19
S119	4	("2624410").URPN.	USPAT	OR	ON	2010/02/16 15:20
S120	38	("0047133" "1547197" "2593497" "2604850" "2624410" "2988998" "3393744" "3493045" "3897822" "3952799" "4187912").PN. OR ("4345647").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/16 15:22
S121	2	("2223112").URPN.	USPAT	OR	ON	2010/02/16 15:41

S122	300	((417/77) or (417/79) or (417/88)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/16 16:01
S123	723	((95/261) or (96/204) or (96/209) or (96/217)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/16 16:43
S124	410	((95/241) or (95/243) or (96/155)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/02/16 16:44
S125	684	S123 not S124	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/16 16:44
S126	684	S123 not S124	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/16 16:45
S127	53	(US-20030085036-\$ or US-20070163780-\$ or US-20070185360-\$ or US-20070274842-\$ or US-20050002812-\$ or US-20070158075-\$ or US-20040104023-\$ or US-20030116323-\$ or US-20050000689-\$ or US-20090152204-\$).did. or (US-4718486-\$ or US-6007306-\$ or US-7178592-\$ or US-7093665-\$ or US-6305473-\$ or US-5622450-\$ or US-4269697-\$ or US-5775879-\$ or US-5624249-\$ or US-7389816-\$ or US-6383262-\$ or US-6216781-\$ or US-6209641-\$ or US-6039116-\$ or US-4066123-\$ or US-4848471-\$ or US-3802501-\$ or US-3709292-\$ or US-2952211-\$ or US-5815881-\$ or US-6260627-\$ or US-4603735-\$ or US-4790376-\$ or US-6299672-\$ or US-6375907-\$ or US-5861052-\$).did. or (US-7497667-\$ or US-2080622-\$ or US-1992436-\$ or US-3289609-\$ or US-3788771-\$ or US-2651259-\$ or US-2633081-\$ or US-3994624-\$ or US-2172057-\$ or US-2624410-\$ or US-4345647-\$ or US-5547021-\$ or US-2223112-\$).did. or (US-2080622-\$ or US-2952211-\$ or US-1623239-\$ or US-0681369-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/16 19:41

S129	2	S127 and (booster adj pump)	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/16 19:41
S130	300	((417/77) or (417/79) or (417/88)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/16 20:25
S131	0	S130 and ((extra additional another) adj separator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/16 20:25
S132	723	((95/261) or (96/204) or (96/209) or (96/217)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/16 20:26
S133	2	S132 and ((extra additional another) adj separator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/16 20:26
S134	3422	((166/267) or (166/68.5) or (166/105.5) or (210/170.01) or (210/170.07) or (210/188) or (96/182)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/02/16 20:27
S135	14	S134 and ((extra additional another) adj separator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/02/16 20:27

EAST Search History (Interference)

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2/ 17/ 2010 1:04:18 PM**C:\Documents and Settings\rfuller1\My Documents\EAST\Workspaces\10_595,477 - Multi-phase Mixture.wsp**